30-025-40221

HOBBS OCD

JUN 08 2012

RECEIVED

NEW MEXICO INCLINATION REPORT

1 FIELD NAME	2 LEASE NAME	8 Well Number
MALJAMAR, YESO WEST	EMERALD FEDERAL	#3
3 OPERATOR		
CONOCO PHILLIPS COMPANY		
4 ADDRESS		10. County
ATTN. JALYN N FISKE 3300 NORTH "A" STREET BUILDING 6, MIDLAND TX, 79705		LEA
5. LOCATION Unit I 1650/S & 480/E SECTION 16, TOWNSHIP 17 SOUTH, RANGE 32 EAST		

RECORD OF INCLINATION

*11 Measured Depth (feet)	12 Course Length (Hundreds of feet)	*13 Angle of Inclination (Degrees)	14 Displacement per Hundred Feet (Sine of Angle x100)	15 Course Displacement (feet)	16 Accumulative Displacement (feet)
210	2.10	0 40	0 70	1 47	1.47
460	2 50	0 50	0.87	2.18	3.65
979	5 19	0.50	0 87	4 53	8 18
1112	1 33	0 60	1 05	1 39	9 57
1662	5 50	0.60	1 05	5.76	15 33
1843	1 81	1 10	1 92	3 47	18 80
1936	0 93	1 20	2.09	1 95	20.75
2026	0 90	1 20	2.09	1.88	22 63
2117	0 91	1.40	2.44	2.22	24 85
2250	1.33	0 90	1 57	2 09	26 94
2524	2 74	0 90	1 57	4 30	31.24
2797	2.73	0.60	1 05	2 86	34.10
3071	2.74	0 10	0.17	0.48	34 58
3253	1 82	0.10	0.17	0 32	34 90
3339	0.86	0 20	0 35	0 30	35 20
3610	2 71	0 50	0 87	2.36	37.56
3881	2 71	0.40	0.70	1 89	39 45
3972	0 91	0 20	0.35	0.32	39.77
4063	0 91	0.20	0 35	0.32	40.09
4154	0 91	0.40	0.70	0 64	40 73
4249	0 95	0 60	1.05	0.99	41 72
4339	0 90	0.70	1 22	1.10	42.82
4429	0.90	0.70	1.22	1.10	43.92
4520	0 91	0.70	1.22	1 11	45.03
4520	0 00	0.70	1 22	0.00	45 03
4611	0 91	0 90	1.57	1.43	46.46
4703	0.92	0 60	1.05	0 96	47 42
4930	2 27	0 70	1.22	2 77	50.19
5015	0.85	0.70	1 22	1 04	51 23
5406	3 91	1 00	1 75	6 82	58 05
5678	2 72	1 20	2.09	5.70	63 75
5905	2 27	1.30	2 27	5 15	68 90
6315	4 10	1 10	1.92	7 87	76 77
6858	5 43	0.90	1.57	8.53	85 30
6995	1.37	1 00	1 75	2.39	87.69

ROBERT J C BIGHAM
RIG MANAGER
PRECISION DRILLING COMPANY L.P.
RIG 194

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 4th DAY OF JUNE, 2012

NOTARY PUBLIC STATE OF TEXAS
BELINDA G. SMITHWICK
My Commission Expires
August 15, 2014

Belinda G. Smithwick

JUN 18 2012